

Detailed description: This figure displays a sequence alignment of various proteins across 190 positions. The alignment is color-coded by amino acid conservation. The top section (200-390) includes sequences for 34851710.m, 27734116.m, PSKH1.h, PSKH2.h, 17508559.w, 6753252.m, 6978597.m, CaMK4.h, 2phk_A, 1kwp_A, 1jkk_A, 13027458.m, 21704242.m, VACAMKL.h, and lia8_A. The middle section (400-590) includes sequences for 34851710.m, 27734116.m, PSKH1.h, PSKH2.h, 17508559.w, 6753252.m, 6978597.m, CaMK4.h, 2phk_A, 1kwp_A, 1jkk_A, 13027458.m, 21704242.m, VACAMKL.h, and lia8_A. The bottom section (600-790) includes sequences for 34851710.m, 27734116.m, PSKH1.h, PSKH2.h, 17508559.w, 6753252.m, 6978597.m, CaMK4.h, 2phk_A, 1kwp_A, 1jkk_A, 13027458.m, 21704242.m, VACAMKL.h, and lia8_A.